

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method comprising: ~~Method of~~

partially scrambling a data stream including transport stream packets, each transport stream packet having a header and a payload, wherein the payload comprises at least a part of a program elementary stream, wherein a sequence of transport stream packets has payloads carrying one or more packet elementary streams comprising a PES packet payload, wherein the PES packet payload carries encoded data elements, arranged in units, the method including:

receiving the data stream at a port;

selecting transport stream packets forming a sub-sequence of the sequence, and

scrambling the payloads of each transport stream packet in the sub-sequence,

the method further including:

monitoring the payloads of ~~at least some of~~ the transport stream packets in the sequence for the presence of data indicating a boundary between two subsequent ~~units~~, units;

determining a type of one of the two subsequent units following the data indicating the boundary; and and[[,]]

if the type corresponds to a predefined type, ~~for selected units~~, including at least one of the transport stream packets carrying data forming part of the ~~selected unit~~ one of the two subsequent units in the sub-sequence.

2. (Currently Amended) The method ~~Method~~ according to claim 1, wherein the data stream is a multiplex of elementary streams, the method including identifying at least one elementary stream including the sequence of transport stream packets and monitoring only payloads of packets in the identified elementary stream(s).

3. (Currently Amended) The method ~~Method~~ according to claim 1, wherein the selected units include units containing at least part of an encoded representation of a picture.

4. (Currently Amended) The method~~Method~~ according to claim 1, wherein each unit contains an indication of the type of data to follow and a part containing that data, wherein the type of each unit in the monitored payloads is determined from the indication and the unit is included among the selected units if the type corresponds to at least one specific type.
5. (Currently Amended) The method~~Method~~ according to claim 4, wherein units of types other than the specific type(s) are randomly included among the selected units.
6. (Currently Amended) The method~~Method~~ according to claim 4, wherein the types are defined by the encoding technique with which the encoded data elements have been formed.
7. (Currently Amended) The method~~Method~~ according to claim 4, wherein the encoded data elements are decodable using a predictive decoding technique and the specific types include a type of data element allowing a prediction to be derived from only the decoded data belonging to the data element.
8. (Currently Amended) The method~~Method~~ according to claim 1, wherein up to a maximum number of transport stream packets following a first transport stream packet carrying data forming part of a selected unit are included in the sub-sequence.
9. (Currently Amended) A computer based system~~System~~ for partially scrambling a data stream including transport stream packets, each transport stream packet having a header and a payload, wherein the payload comprises at least a part of a program elementary stream, wherein a sequence of transport stream packets has payloads carrying one or more packet elementary streams comprising a PES packet payload, wherein the PES packet payload carries encoded data elements, arranged in units, the system including:
 - a port for receiving the data stream; and
 - an arrangement for processing the data in the stream, wherein the system is configured to select transport stream packets forming a sub-sequence of the sequence, and to scramble the

payloads of each transport stream packet in the sub-sequence, wherein the system is configured to monitor the payloads of ~~at least some of~~ the transport stream packets in the sequence for the presence of data indicating a boundary between two subsequent units, to determine a type of one of the two subsequent units following the data indicating the boundary, and[[,]] for selected units, if the type corresponds to a predetermined type, to include at least one of the transport stream packets carrying data forming part of the ~~selected unit~~ one of the two subsequent units in the sub-sequence.

10. (Currently Amended) ~~The computer based system~~ System according to claim 9, configured to include up to a maximum number of transport stream packets following a first transport stream packet carrying data forming part of a selected unit in the sub-sequence, and provided with an arrangement for setting the maximum number.

11. (Currently Amended) A computer-readable non-transitory storage medium containing a set of instructions that, when run on a computer, performs a method of partially scrambling a data stream including transport stream packets, each transport stream packet having a header and a payload, wherein the payload comprises at least a part of a program elementary stream, wherein a sequence of transport stream packets has payloads carrying one or more packet elementary streams comprising a PES packet payload, wherein the PES packet payload carries encoded data elements, arranged in units, the method including the steps of:

selecting transport stream packets forming a sub-sequence of the sequence, and
scrambling the payloads of each transport stream packet in the sub-sequence, monitoring the payloads of ~~at least some of~~ the transport stream packets in the sequence for the presence of data indicating a boundary between two subsequent units, determining a type of one of the two subsequent units following the data indicating the boundary, and[[,]] for selected units if the type corresponds to a predetermined type, including at least one of the transport stream packets carrying data forming part of the ~~selected unit~~ one of the two subsequent units in the sub-sequence.

12. (Currently Amended) A method comprising: ~~for~~

generating a data stream including transport stream packets, each transport stream packet having a header and a payload, wherein the payload comprises at least a part of a program elementary stream, wherein a sequence of transport stream packets has payloads carrying one or more packet elementary streams comprising a PES packet payload, wherein the PES packet payload carries encoded data elements, arranged in units, the method ~~including steps of:~~

selecting transport stream packets forming a sub-sequence of the sequence, and

scrambling the payloads of each transport stream packet in the sub-sequence, monitoring the payloads of ~~at least some of~~ the transport stream packets in the sequence for the presence of data indicating a boundary between two subsequent units, determining a type of one of the two subsequent units following the data indicating the boundary, and ~~[[,]] for selected units if the type corresponds to a predetermined type,~~ including at least one of the transport stream packets carrying data forming part of the ~~selected unit~~ one of the two subsequent units in the sub-sequence; and

modulating the data stream at a transmitter.